

# THE BUILDER.

**THOMAS MILLINGTON,**  
IMPORTER AND DEALER IN PLATE, CROWN SHEET, ROUGH PLATE, AND COLOURED WINDOW GLASS.

This article can be supplied of any thickness, either English or Foreign; the latter being adapted for CONSERVATORIES than the Rough Plate, which we consider totally unfit for the purpose, the light too much obscured.

of the finest finish and colour. Estimates for large and small quantities forwarded upon being furnished with particulars.

Persons named be too particular in the selection of this article, so that forced upon the hand underneath it. We deal in the best only, which is

**PERFECTLY FLAT, OF GOOD SUBSTANCE, AND REALLY COMBINES STRENGTH WITH ECONOMY.**

87, BISHOPSGATE-STREET WITHOUT SAME SIDE AS THE EASTERN COUNTIES RAILWAY.

TO ARCHITECTS, BUILDERS, CONTRACTORS, &c.

## HARTLEY'S PATENT ROUGH PLATE GLASS,

One-eighth of an inch thick, weighing two pounds to the foot, for  
RIDGE AND FURROW ROOFS, GREENHOUSES, RAILWAY STATIONS, ENGINE SHEDS, MILLS, MARKET HALLS, AND  
PUBLIC BUILDINGS GENERALLY.

SPECIMENS TO BE SEEN AT THE EXHIBITION, the extreme south-eastern end of the building, adjoining the United States department.

It being universally admitted that Glass is Rank of a permanent character above weight is unnecessary, leading only to additional expense. Messrs. JAMES HARTLEY'S PATENT ROUGH PLATE GLASS THAT COMBINES SIZE AND STRENGTH WITH ECONOMY OF COST.

The PATENT ROUGH PLATE, one-eighth of an inch thick, or two pounds to the foot, is manufactured in some expressly for Ridge and Furrow Roofs 60 by 16 inches, thus giving a span of 10 feet. It is supplied in squares of all sizes, from 5 by 6 inches and upwards. For further information apply to any respectable Glass Merchant in London or elsewhere. Messrs. JAMES HARTLEY and CO., Wear Glass Works, Sunderland. It can be supplied at a much lower cost than the common Rough Plate—May 1, 1881.

## IMPORTANT TO THE SANITARY MOVEMENT.

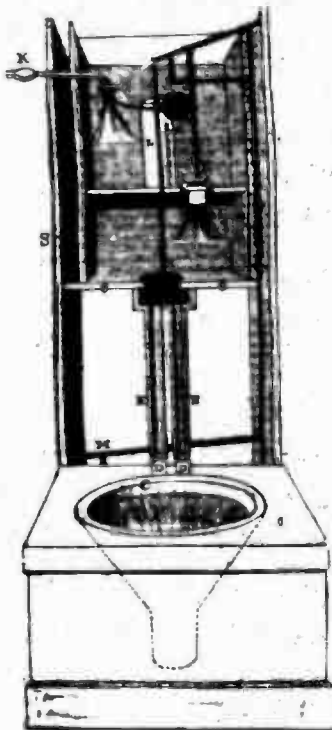
### PATENT FLUSHING SYPHON BASIN, AND SELF-ACTING CLOSET CONNECTIONS.

STEPHEN GREEN AND CO.,  
PATENTEES.

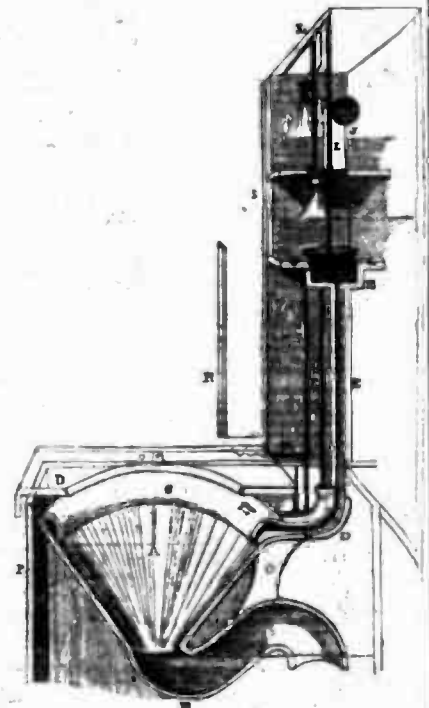
IMPERIAL POTTERIES,  
LAMBETH.

FIG. NO. 1 IS A FRONT VIEW.

FIG. NO. 2 IS A SIDE SECTION.



- A.—Basin, showing the water flushing down the sides perpendicularly from the hollow rim or lip all round when in action.
- B.—Syphon, showing the water trap as it always is, whether in use or out of use.
- C.—Hollow rim, all round the basin, with the water flushing down with great force perpendicularly.
- DD.—Openings in the hollow rim of basin C, one leading to the right, the other to the left.
- EE.—Two pipes leading from the measure box to the hollow rim C.
- F.—Valve box on the bottom of measure connected to pipes EE.
- G.—Counter measure with valve in the bottom.
- H.—Valve on the bottom.
- I.—Raising rod to the left of the valve, and attached to lever M.
- J.—Ball valve, taking off all pressure on the counter from the water supply.
- K.—Union joint, to attach the apparatus to the water supply, by means of a half-inch lead pipe, to any distance required.
- L.—Water cistern connected with pen.
- M.—Lever with ball attached.
- N.—Counter weight at the end of rod I.
- O.—Movable counter connected to lever M.
- P.—Wood cast complete.
- Q.—Seat girted.
- R.—Lid to seat.



Messrs. Stephen Green and Co., Oxford, November, 1880. Having thoroughly tested the operation of Architects, Surveyors, Builders and others, I have found the arrangement of the Patent Flushing Syphon Basin and Self-Acting Closet Connections to be particularly adapted for Asylums, Hospitals, Prisons, Railway Stations, and Public Buildings in general. It is complete in its construction, and its operation is so simple, and its cost so low, that it is well adapted for the sanitary movement. It has no Cranks or Wires, and its operation is so simple that it can be used by any person.

and trouble; no Metal Spreader, which always gets out of order, and constantly destroys the glass of the basin, and only drops the force of the water toward the top of the pan, leaving it to fall a short distance on the solid pan, while the SYPHON FLUSHING BASIN directs the whole of the water with great force perpendicularly down the sides of the Basin, clearing all before it, and is thus efficient with the greatest economy of water possible.

#### Important Testimonials in favour of Messrs. Stephen Green and Co.'s Patent Flushing Syphon Basin and Self-Acting Closet Connections.

Messrs. Stephen Green and Co., Oxford, November, 1880. I have tried up several of your Patent Flushing Syphon Basins and Self-Acting Closet Connections at various Colleges in Oxford, and I have found them to be particularly adapted for the sanitary movement. I have not yet found one that is not of great efficiency; I have not yet found one that is not of great efficiency; I have not yet found one that is not of great efficiency.

Messrs. Stephen Green and Co., Oxford, January, 1881. I have tried up several of your Patent Flushing Syphon Basins and Self-Acting Closet Connections at various Colleges in Oxford, and I have found them to be particularly adapted for the sanitary movement. I have not yet found one that is not of great efficiency; I have not yet found one that is not of great efficiency; I have not yet found one that is not of great efficiency.

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Also in use at the Royal Arsenal, Woolwich; Royal Military Academy, Woolwich; Christ Church College, Oxford; Model Lodging Houses, Hulton Garden; Rialto Court, Chancery Lane, &c. &c. MODELS MAY BE SEEN IN OPERATION AT MESSRS. STEPHEN GREEN AND CO.'S MANUFACTORY.

Also a large assortment of every description of DRAINAGE ARTICLES to be highly approved and extensively used by Messrs. Stephen Green and Co.

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